

# Montážní tabulka pro 42/7 AlFe

Námrazová oblast: I-0

Vodorovna složka namáhání [MPa]: 38,0

Namáhání vodiče [MPa]

rozp/tepl	-40	-30	-20	-10	0	10	20	30	40	-5+z
46	85.86	71.38	57.29	44.04	32.56	24.02	18.57	15.21	13.03	49.92
47	85.66	71.21	57.17	43.99	32.62	24.19	18.79	15.44	13.25	50.23
48	85.47	71.04	57.04	43.94	32.68	24.36	19.01	15.66	13.46	50.53
49	85.26	70.86	56.91	43.88	32.74	24.52	19.22	15.88	13.68	50.83
50	85.06	70.68	56.77	43.83	32.8	24.68	19.43	16.1	13.89	51.12
51	84.85	70.5	56.64	43.77	32.86	24.84	19.63	16.32	14.1	51.42
52	84.64	70.32	56.5	43.72	32.92	25	19.84	16.53	14.31	51.71
53	84.42	70.13	56.37	43.67	32.97	25.16	20.04	16.74	14.52	52
54	84.2	69.94	56.23	43.61	33.03	25.31	20.24	16.95	14.72	52.29
55	83.98	69.75	56.09	43.56	33.09	25.46	20.43	17.15	14.92	52.57
56	83.75	69.56	55.95	43.5	33.15	25.61	20.62	17.36	15.12	52.86
57	83.52	69.36	55.81	43.45	33.2	25.75	20.81	17.56	15.32	53.14
58	83.29	69.16	55.66	43.39	33.26	25.9	21	17.75	15.52	53.42
59	83.05	68.96	55.52	43.34	33.31	26.04	21.18	17.95	15.71	53.69
60	82.81	68.75	55.37	43.28	33.37	26.18	21.36	18.14	15.9	53.97
61	82.57	68.55	55.23	43.23	33.42	26.32	21.54	18.33	16.09	54.24
62	82.33	68.34	55.08	43.17	33.48	26.45	21.72	18.52	16.28	54.51
63	82.08	68.13	54.93	43.12	33.53	26.59	21.89	18.71	16.47	54.78
64	81.82	67.92	54.78	43.06	33.58	26.72	22.07	18.89	16.65	55.04
65	81.57	67.7	54.63	43.01	33.63	26.85	22.23	19.08	16.83	55.31
66	81.31	67.49	54.48	42.96	33.68	26.98	22.4	19.26	17.01	55.57
67	81.05	67.27	54.33	42.9	33.74	27.11	22.57	19.43	17.19	55.83
68	80.79	67.05	54.18	42.85	33.79	27.23	22.73	19.61	17.37	56.08
69	80.52	66.83	54.03	42.8	33.84	27.36	22.89	19.78	17.54	56.34
70	80.25	66.61	53.88	42.74	33.88	27.48	23.05	19.95	17.72	56.59

71	79.98	66.38	53.73	42.69	33.93	27.6	23.2	20.12	17.89	56.84
72	79.71	66.16	53.58	42.64	33.98	27.72	23.36	20.29	18.06	57.08
73	79.43	65.93	53.43	42.59	34.03	27.83	23.51	20.46	18.23	57.33
74	79.15	65.7	53.28	42.53	34.08	27.95	23.66	20.62	18.39	57.57
75	78.87	65.47	53.12	42.48	34.12	28.06	23.81	20.78	18.56	57.81
76	78.59	65.24	52.97	42.43	34.17	28.17	23.95	20.94	18.72	58.05
77	78.3	65.01	52.82	42.38	34.21	28.28	24.1	21.1	18.89	58.29
78	78.01	64.78	52.67	42.33	34.26	28.39	24.24	21.26	19.05	58.52
79	77.72	64.54	52.52	42.28	34.3	28.5	24.38	21.41	19.2	58.75
80	77.43	64.31	52.37	42.23	34.34	28.61	24.52	21.57	19.36	58.98
81	77.14	64.07	52.22	42.18	34.39	28.71	24.66	21.72	19.52	59.21
82	76.84	63.84	52.07	42.13	34.43	28.81	24.79	21.87	19.67	59.44
83	76.54	63.6	51.92	42.09	34.47	28.91	24.93	22.01	19.82	59.66
84	76.24	63.37	51.77	42.04	34.51	29.01	25.06	22.16	19.97	59.88
85	75.94	63.13	51.62	41.99	34.55	29.11	25.19	22.3	20.12	60.1
86	75.64	62.89	51.47	41.95	34.59	29.21	25.32	22.45	20.27	60.32
87	75.33	62.65	51.33	41.9	34.63	29.31	25.44	22.59	20.42	60.54
88	75.03	62.42	51.18	41.85	34.67	29.4	25.57	22.73	20.56	60.75
89	74.72	62.18	51.03	41.81	34.71	29.5	25.69	22.86	20.71	60.96
90	74.41	61.94	50.89	41.76	34.75	29.59	25.81	23	20.85	61.17
91	74.11	61.71	50.75	41.72	34.79	29.68	25.93	23.14	20.99	61.38
92	73.8	61.47	50.6	41.68	34.82	29.77	26.05	23.27	21.13	61.59
93	73.48	61.23	50.46	41.63	34.86	29.86	26.17	23.4	21.27	61.79
94	73.17	60.99	50.32	41.59	34.9	29.94	26.28	23.53	21.4	61.99
95	72.86	60.76	50.18	41.55	34.93	30.03	26.4	23.66	21.54	62.19
96	72.55	60.52	50.04	41.51	34.97	30.11	26.51	23.79	21.67	62.39

Průhyb vodiče [m]											
rozp/tepl	-40	-30	-20	-10	0	10	20	30	40	-5+z	
46	0.1	0.13	0.16	0.2	0.28	0.37	0.48	0.59	0.69	0.42	
47	0.11	0.13	0.16	0.21	0.29	0.39	0.5	0.61	0.71	0.43	
48	0.11	0.14	0.17	0.22	0.3	0.4	0.52	0.63	0.73	0.45	
49	0.12	0.14	0.18	0.23	0.31	0.42	0.53	0.64	0.75	0.47	
50	0.12	0.15	0.19	0.24	0.32	0.43	0.55	0.66	0.77	0.48	
51	0.13	0.16	0.2	0.25	0.34	0.45	0.56	0.68	0.78	0.5	
52	0.14	0.16	0.2	0.26	0.35	0.46	0.58	0.7	0.8	0.52	
53	0.14	0.17	0.21	0.27	0.36	0.47	0.6	0.71	0.82	0.53	
54	0.15	0.18	0.22	0.28	0.38	0.49	0.61	0.73	0.84	0.55	
55	0.15	0.18	0.23	0.3	0.39	0.51	0.63	0.75	0.86	0.57	
56	0.16	0.19	0.24	0.31	0.4	0.52	0.65	0.77	0.88	0.58	
57	0.17	0.2	0.25	0.32	0.42	0.54	0.66	0.79	0.9	0.6	
58	0.17	0.21	0.26	0.33	0.43	0.55	0.68	0.81	0.92	0.62	
59	0.18	0.21	0.27	0.34	0.44	0.57	0.7	0.82	0.94	0.64	
60	0.18	0.22	0.28	0.35	0.46	0.58	0.72	0.84	0.96	0.66	
61	0.19	0.23	0.29	0.37	0.47	0.6	0.73	0.86	0.98	0.68	
62	0.2	0.24	0.3	0.38	0.49	0.62	0.75	0.88	1	0.69	
63	0.21	0.25	0.31	0.39	0.5	0.63	0.77	0.9	1.03	0.71	
64	0.21	0.26	0.32	0.4	0.52	0.65	0.79	0.92	1.05	0.73	
65	0.22	0.27	0.33	0.42	0.53	0.67	0.81	0.94	1.07	0.75	
66	0.23	0.27	0.34	0.43	0.55	0.69	0.83	0.96	1.09	0.77	
67	0.24	0.28	0.35	0.44	0.57	0.7	0.85	0.98	1.11	0.79	
68	0.24	0.29	0.36	0.46	0.58	0.72	0.86	1	1.13	0.81	
69	0.25	0.3	0.37	0.47	0.6	0.74	0.88	1.02	1.15	0.83	
70	0.26	0.31	0.39	0.49	0.61	0.76	0.9	1.04	1.18	0.85	
71	0.27	0.32	0.4	0.5	0.63	0.78	0.92	1.07	1.2	0.87	
72	0.28	0.33	0.41	0.52	0.65	0.8	0.94	1.09	1.22	0.89	
73	0.29	0.34	0.42	0.53	0.67	0.81	0.96	1.11	1.24	0.92	
74	0.29	0.35	0.44	0.55	0.68	0.83	0.98	1.13	1.27	0.94	
75	0.3	0.37	0.45	0.56	0.7	0.85	1	1.15	1.29	0.96	
76	0.31	0.38	0.46	0.58	0.72	0.87	1.03	1.17	1.31	0.98	

77	0.32	0.39	0.48	0.59	0.74	0.89	1.05	1.19	1.34	1
78	0.33	0.4	0.49	0.61	0.76	0.91	1.07	1.22	1.36	1.02
79	0.34	0.41	0.51	0.63	0.77	0.93	1.09	1.24	1.38	1.05
80	0.35	0.42	0.52	0.64	0.79	0.95	1.11	1.26	1.41	1.07
81	0.36	0.44	0.53	0.66	0.81	0.97	1.13	1.28	1.43	1.09
82	0.37	0.45	0.55	0.68	0.83	0.99	1.15	1.31	1.45	1.11
83	0.38	0.46	0.56	0.7	0.85	1.01	1.18	1.33	1.48	1.14
84	0.39	0.47	0.58	0.71	0.87	1.03	1.2	1.35	1.5	1.16
85	0.4	0.49	0.6	0.73	0.89	1.06	1.22	1.38	1.53	1.18
86	0.42	0.5	0.61	0.75	0.91	1.08	1.24	1.4	1.55	1.21
87	0.43	0.51	0.63	0.77	0.93	1.1	1.27	1.43	1.58	1.23
88	0.44	0.53	0.64	0.79	0.95	1.12	1.29	1.45	1.6	1.26
89	0.45	0.54	0.66	0.81	0.97	1.14	1.31	1.47	1.63	1.28
90	0.46	0.56	0.68	0.82	0.99	1.16	1.33	1.5	1.65	1.3
91	0.48	0.57	0.69	0.84	1.01	1.19	1.36	1.52	1.68	1.33
92	0.49	0.59	0.71	0.86	1.03	1.21	1.38	1.55	1.7	1.35
93	0.5	0.6	0.73	0.88	1.05	1.23	1.41	1.57	1.73	1.38
94	0.51	0.62	0.75	0.9	1.08	1.25	1.43	1.6	1.76	1.4
95	0.53	0.63	0.76	0.92	1.1	1.28	1.45	1.62	1.78	1.43
96	0.54	0.65	0.78	0.94	1.12	1.3	1.48	1.65	1.81	1.46